

IFW

PATENT  
Customer No. 22,852  
Attorney Docket No. 05788.0159-01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Bartolomeo Italo TIRLONI ) Group Art Unit: 2874  
)  
Application No.: 10/825,101 ) Examiner: To Be Assigned  
)  
Filed: April 16, 2004 )  
)  
For: OPTICAL FIBER FOR EXTENDED ) Confirmation No.: 7719  
WAVELENGTH BAND )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents were previously submitted in a prior application, application no. 09/812,019, filing date March 20, 2001, upon which applicant relies for the benefits provided in 35 U.S.C. § 120.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

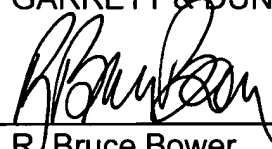
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

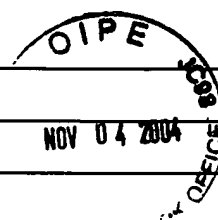
Dated: November 4, 2004

By: \_\_\_\_\_

  
R. Bruce Bower  
Reg. No. 37,099

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	05788.0159-01	Appln. No.	10/825,101
Applicant	Bartolomeo Italo TIRLONI		
Filing Date	April 16, 2004	Group:	2874



## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,266,467	07/24/01	Kato et al.			
	6,535,675	03/18/03	Rousseau et al.			
	5,905,838	05/18/99	Judy et al.			
	5,013,131	05/07/91	Fotheringham			
	5,999,679	12/07/99	Antos et al.			
	6,301,419	10/09/01	Tsukitani et al.			
	6,430,347	08/06/02	Cain et al.			
	5,553,185	09/03/96	Antos et al.			
	4,770,492	09/13/88	Levin et al.			
	5,781,684	07/14/98	Liu			
	4,406,518	09/27/83	Matsumura et al.			
	4,852,968	08/01/89	Reed			
	5,684,909	11/04/97	Liu			

## FOREIGN PATENT DOCUMENTS

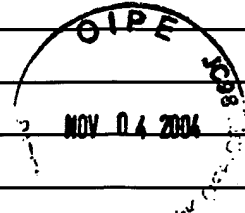
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
EP 0 674 193 A2	09/27/95	Europe			
WO 86/04689	08/14/86	WIPO			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Bell Labs, "Technical Information on the Advantages of TrueWave® RS Fiber," Lucent Technologies, <a href="http://WWW.bell-labs.com">WWW.bell-labs.com</a> , pp. 1-4 (June 1998)
Jinno, M. et al., "Design of Ultra-Wide Band (1450-1560 nm) WDM Transmission Systems Considering <i>intra</i> - and <i>inter</i> - Wavelength-Band Nonlinear Interactions," Technology and Infrastructure, pp. 205-208, (1998) (month unknown)
Kani, J. et al., "1470nm Band Wavelength Division Multiplexing Transmission," Electronics Letters Vol. 34, No. 11, pp. 1118-1119, (May, 1998)
Akasaka, Y. et al., "Enlargement of Effective Core Area on Dispersion Flattened Fiber and Its Low Nonlinearity," OFC '98 Technical Digest, Thursday Morning, pp. 302-303, (1998) (month unknown)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Nouchi, P., "Maximum Effective Area for Non-Zero Dispersion-Shifted Fiber," OFC '98 Technical Digest, Thursday Morning, pp. 303-304, (1998) (month unknown)
	Hatayama, H. et al., "Dispersion Flattened Fiber with Large Effective-Core Area More Than 50 $\mu\text{m}^2$ ," OFC '98 Technical Digest, Thursday Morning, pp. 304-305, (1998) (month unknown)
	Tajima, K., "Low-Loss Optical Fibers Realized by Reduction of Rayleigh Scattering Loss," OFC '98 Technical Digest, Thursday Morning, pp. 305, (1998) (month unknown)
	Srivastava, A.K., et al., "1 Tb/s Transmission of 100 WDM 10 Gb/s Channels Over 400 km of TrueWave™ Fiber," Lucent Technologies, OFC '98 Technical Digest, pp. PD10-1 - PD10-4 (1998) (month unknown)
	Jinno, M., et al., "First Demonstration of 1580nm Wavelength Band WDM Transmission for Doubling Usable Bandwidth and Suppressing FWM in DSF," Electronic Letters, Vol. 33, No. 10, pp. 882-883, (May 1997)
	Grasso, G. et al., "Microbending Effects in Single Mode Optical Cables," International Wire & Cable Symposium Proceedings, pp. 722-731, (1998) (month unknown)
	Grasso, G. et al., "Microbending Losses of Cabled Single Mode Fibers," pp. 526-532 (publication date unknown)

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce